



STATE OF WASHINGTON  
**STATE BUILDING CODE COUNCIL**

Washington State Energy Code Development  
**Standard Energy Code Proposal Form**

Log No. 21-GP2-013

Code being amended: ☐ Commercial Provisions ☒ Residential Provisions

Code Section #: R403.5.2 Demand recirculation water systems

Brief Description: Remove superfluous language.

Proposed code change text: (Copy the existing text from the Integrated Draft, linked above, and then use underline for new text and ~~strikeout~~ for text to be deleted.)

**R403.5.2 Demand recirculation water systems.** ~~Where installed,~~ Demand recirculation water systems shall have controls that start the pump upon receiving a signal from the action of a user of a fixture or appliance, sensing the presence of a user of a fixture or sensing the flow of hot or tempered water to a fixture fitting or appliance.

Purpose of code change:

“Where installed” adds no meaning to this paragraph. The building component is either installed and regulated, or it is not. Either “where installed” should be used for all non-essential components referenced in the code or it shouldn’t be used at all.

Your amendment must meet one of the following criteria. Select at least one:

- |   |   |
|---|---|
| <input type="checkbox"/> Addresses a critical life/safety need.   | <input type="checkbox"/> Consistency with state or federal regulations. |
| <input checked="" type="checkbox"/> The amendment clarifies the intent or application of the code.                          | <input type="checkbox"/> Addresses a unique character of the state.     |
| <input type="checkbox"/> Addresses a specific state policy or statute.<br>(Note that energy conservation is a state policy) | <input type="checkbox"/> Corrects errors and omissions.                 |

Check the building types that would be impacted by your code change:

- |   |   |  |
|---|---|--|
| <input checked="" type="checkbox"/> Single family/duplex/townhome | <input type="checkbox"/> Multi-family 4 + stories | <input type="checkbox"/> Institutional |
| <input checked="" type="checkbox"/> Multi-family 1 – 3 stories    | <input type="checkbox"/> Commercial / Retail      | <input type="checkbox"/> Industrial    |

Your name	Kevin Duell	Email address	kevin.duell@nwnatural.com
Your organization	General Public	Phone number	503-610-7990
Other contact name N/A			

## **Economic Impact Data Sheet**

Briefly summarize your proposal's primary economic impacts and benefits to building owners, tenants and businesses.

N/A

Provide your best estimate of the construction cost (or cost savings) of your code change proposal? (See OFM Life Cycle Cost [Analysis tool](#) and [Instructions](#); use these [Inputs](#). **Webinars on the tool can be found [Here](#) and [Here](#)**)

\$0/square foot (For residential projects, also provide \$0/ dwelling unit)

Show calculations here, and list sources for costs/savings, or attach backup data pages

N/A

Provide your best estimate of the annual energy savings (or additional energy use) for your code change proposal?

0 KWH/ square foot (or) 0 KBTU/ square foot

(For residential projects, also provide 0 KWH/KBTU / dwelling unit)

Show calculations here, and list sources for energy savings estimates, or attach backup data pages

N/A

List any code enforcement time for additional plan review or inspections that your proposal will require, in hours per permit application:

N/A

**All questions must be answered to be considered complete. Incomplete proposals will not be accepted.**